

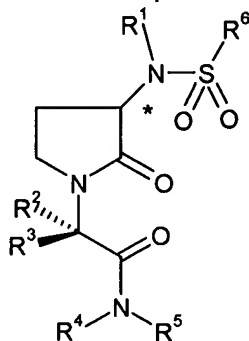
Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

What is claimed is:

1. (Currently amended) A compound of formula (I):



(I)

wherein:

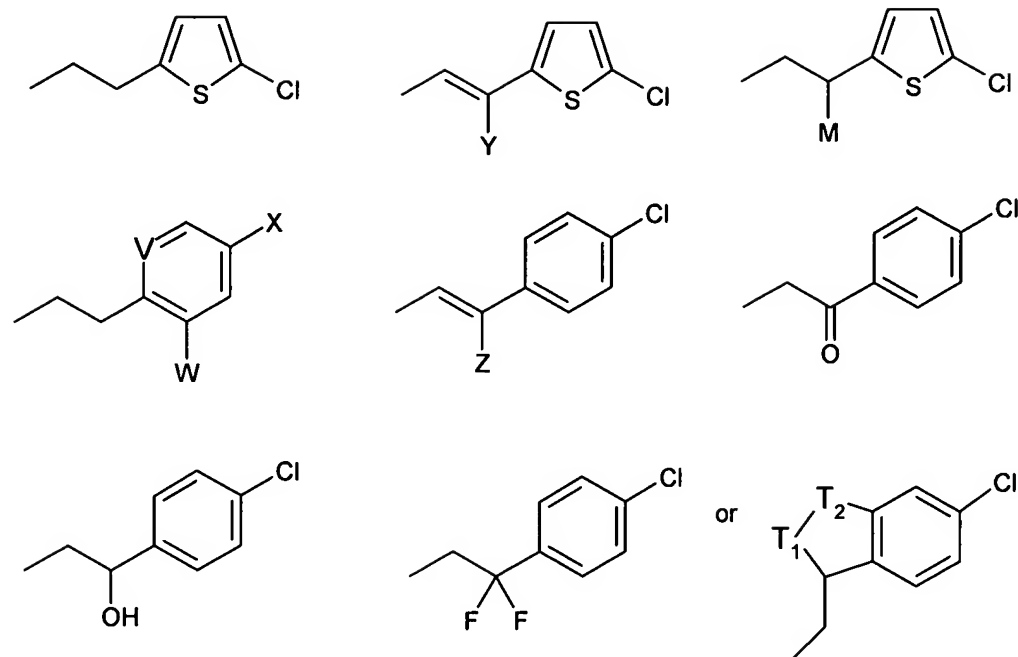
R¹ represents hydrogen, C₁₋₄alkyl, -CH₂CO₂H, -CH₂CO₂C₁₋₂alkyl, or -CH₂CONR⁷R⁸;

R² and R³ independently represent hydrogen, -C₁₋₆alkyl, -C₁₋₃alkylCN, -C₁₋₃alkylCO₂H, -C₁₋₄alkylOC₁₋₄alkyl, -C₁₋₄alkylS(O)_nC₁₋₄alkyl, -C₁₋₄alkylNR¹⁰R¹¹, -C₁₋₃alkylNCO₂C₁₋₄alkyl, -C₁₋₃alkylCONR⁷R⁸, -C₁₋₃alkylCO₂C₀₋₂alkylR⁹, -C₁₋₃alkylCOC₀₋₂alkylR⁹, -C₁₋₃alkylCON(R⁸)C₀₋₂alkylR⁹, -C₁₋₃alkylNCO₂C₀₋₂alkylR⁹, -C₁₋₃alkylNCOC₀₋₂alkylR⁹ or -C₀₋₂alkylR⁹, with the proviso that one of R² and R³ is hydrogen and the other is a substituent other than hydrogen;

n is an integer between 0 and 2;

R⁴ and R⁵ together with the nitrogen atom to which they are attached form a morpholino ring;

R⁶ represents a group selected from:



wherein T_1 and T_2 independently represent CH_2 , NH , S or O with the proviso that when one of T_1 or T_2 represents NH , S or O the other represents CH_2 ;

M represents CH_3 , $-\text{OH}$ or $=\text{O}$;

V represents CH or N ;

W represents H , CH_3 , Cl or F ;

X represents Cl , Br , F or $-\text{CH}_3$;

Y represents CH_3 or CF_3 ;

Z represents $-\text{CH}_3$ or F ;

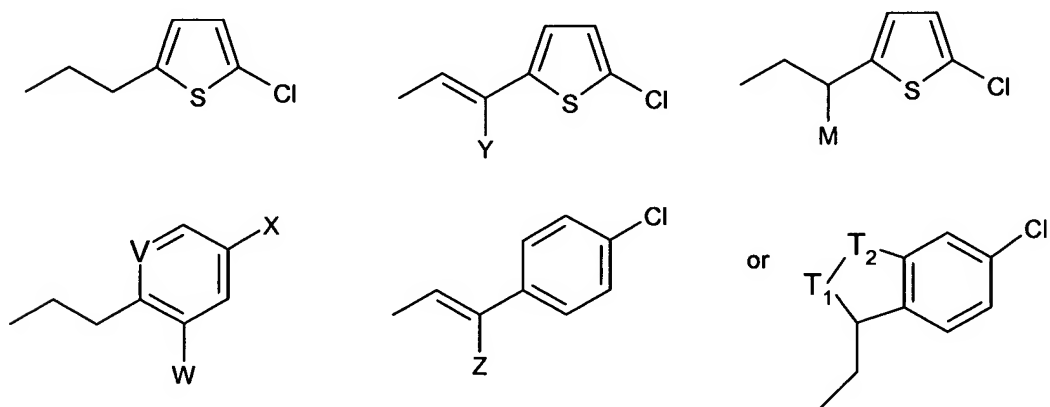
R^7 and R^8 are independently hydrogen, C_{1-4} alkyl or together with the N atom to which they are bonded form a 5- or 6- membered non-aromatic heterocyclic ring, optionally containing an additional heteroatom selected from O , N or S ;

R^{10} and R^{11} independently represent C_{1-4} alkyl or together with the N atom to which they are bonded form a 5- or 6- membered non-aromatic heterocyclic ring, optionally containing an additional heteroatom selected from O , N or S ;

R^9 represents phenyl or a 5- or 6- membered aromatic or non-aromatic heterocyclic group, containing at least one heteroatom selected from O , N or S , each of which is optionally substituted by 0-2 groups selected from: C_{1-3} alkyl or halogen;

and or pharmaceutically acceptable derivatives thereof.

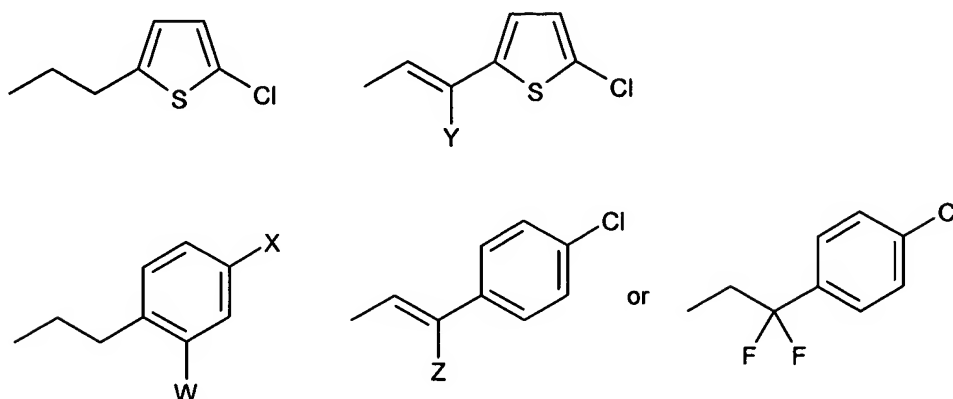
2. (Original) A compound of formula (I) as claimed in claim 1 wherein R^1 represents hydrogen, methyl, $-\text{CH}_2\text{CO}_2\text{C}_{1-2}\text{alkyl}$, or $-\text{CH}_2\text{CONR}^7\text{R}^8$.
3. (Currently amended) A compound of formula (I) as claimed ~~in~~ in claim 1 ~~or claim 2~~ wherein R^2 and R^3 independently represent $-\text{C}_{1-6}\text{alkyl}$, $-\text{C}_{1-3}\text{alkylCN}$, $-\text{C}_{1-4}\text{alkylOC}_{1-4}\text{alkyl}$, $-\text{C}_{1-4}\text{alkylS(O)}_n\text{C}_{1-4}\text{alkyl}$, $-\text{C}_{1-4}\text{alkylNR}^{10}\text{R}^{11}$, $-\text{C}_{1-3}\text{alkylCONR}^7\text{R}^8$, $-\text{C}_{1-3}\text{alkylCO}_2\text{C}_{0-2}\text{alkylR}^9$, $-\text{C}_{1-3}\text{alkylCON(R}^8\text{)C}_{0-2}\text{alkylR}^9$ or $-\text{C}_{0-2}\text{alkylR}^9$, with the proviso that one of R^2 and R^3 is hydrogen and the other is a substituent other than hydrogen.
4. (Currently amended) A compound of formula (I) as claimed in ~~any~~ ~~of~~ ~~claims 1-3~~ wherein R^3 represents hydrogen.
5. (Currently amended) A compound of formula (I) as claimed in ~~any~~ ~~of~~ ~~claims 1-4~~ wherein R^6 represents a group selected from:



6. (Original) A compound as claimed in claim 1 wherein:
- R^1 represents hydrogen, methyl, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CO}_2\text{C}_{1-2}\text{alkyl}$, or $-\text{CH}_2\text{CONR}^7\text{R}^8$;
- R^2 represents $-\text{C}_{1-4}\text{alkyl}$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{OCH}_3$, $-\text{CH}(\text{CH}_3)\text{OCH}_3$, $-\text{CH}_2\text{CON}(\text{CH}_3)_2$, benzyl, $-\text{CH}_2\text{CO}_2\text{-benzyl}$, $-\text{CH}_2\text{CO-morpholine}$, or $-\text{CH}_2\text{-thiophene}$;
- R^3 represents hydrogen;

R⁴ and R⁵ together with the nitrogen atom to which they are attached form a morpholino ring;

R⁶ represents a group selected from:



wherein W represents H, Cl or F;

X represents Cl, Br, F or -CH₃;

Y represents CH₃ or CF₃;

Z represents -CH₃ or F; and

R⁷ and R⁸ are independently hydrogen or methyl.

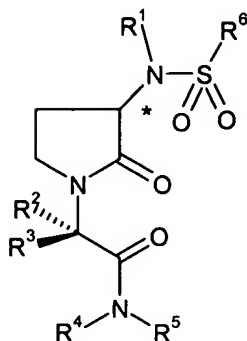
7. Cancelled.

8. (Currently amended) A pharmaceutical composition comprising a compound according to ~~any of claims 1-6~~ together with a pharmaceutical carrier and/or excipient.

9. Cancelled.

10. (Currently amended) A method of treating a patient suffering from a condition susceptible to amelioration by a thrombin inhibitor comprising administering a therapeutically effective amount of a compound according to ~~any of claims 1-6~~.

11. (Currently amended) A process for preparing a compound of formula (I)



(I)

including pharmaceutically acceptable derivatives thereof, wherein:

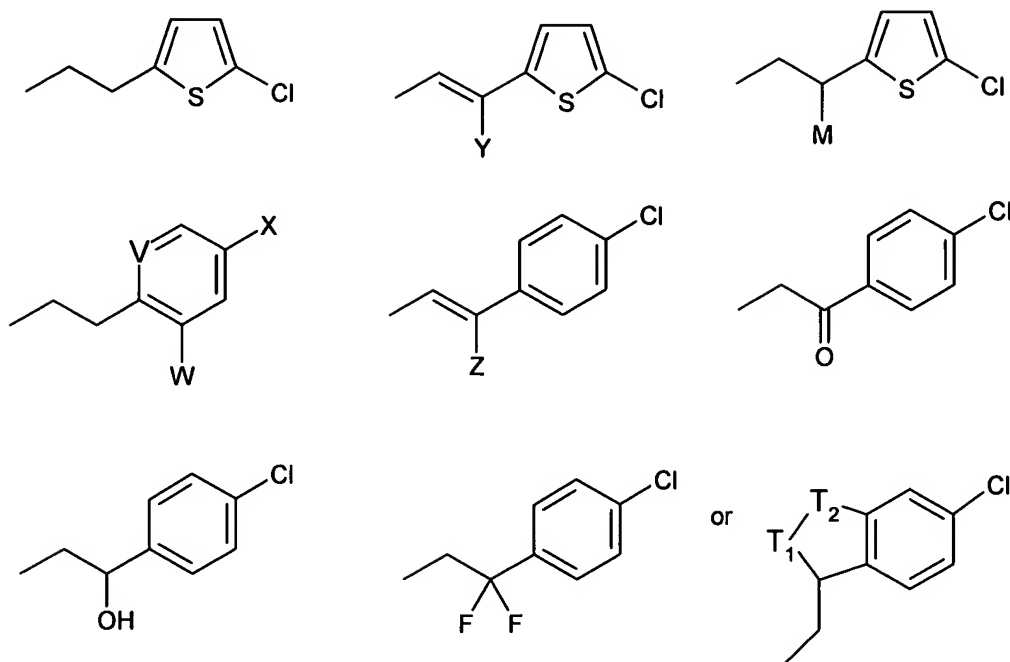
R¹ represents hydrogen, C₁₋₄alkyl, -CH₂CO₂H, -CH₂CO₂C₁₋₂alkyl, or -CH₂CONR⁷R⁸;

R² and R³ independently represent hydrogen, -C₁₋₆alkyl, -C₁₋₃alkylCN, -C₁₋₃alkylCO₂H, -C₁₋₄alkylOC₁₋₄alkyl, -C₁₋₄alkylS(O)_nC₁₋₄alkyl, -C₁₋₄alkylNR¹⁰R¹¹, -C₁₋₃alkylNCO₂C₁₋₄alkyl, -C₁₋₃alkylCONR⁷R⁸, -C₁₋₃alkylCO₂C₀₋₂alkylR⁹, -C₁₋₃alkylCOC₀₋₂alkylR⁹, -C₁₋₃alkylCON(R⁸)C₀₋₂alkylR⁹, -C₁₋₃alkylNCO₂C₀₋₂alkylR⁹, -C₁₋₃alkylNCOC₀₋₂alkylR⁹ or -C₀₋₂alkylR⁹, with the proviso that one of R² and R³ is hydrogen and the other is a substituent other than hydrogen;

n is an integer between 0 and 2;

R⁴ and R⁵ together with the nitrogen atom to which they are attached form a morpholino ring;

R⁶ represents a group selected from:



wherein T_1 and T_2 independently represent CH_2 , NH , S or O with the proviso that when one of T_1 or T_2 represents NH , S or O the other represents CH_2 ;

M represents CH_3 , $-\text{OH}$ or $=\text{O}$;

V represents CH or N ;

W represents H , CH_3 , Cl or F ;

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Y represents CH_3 or CF_3 ;

Z represents $-\text{CH}_3$ or F ;

R^7 and R^8 are independently hydrogen, C_{1-4} alkyl or together with the N atom to

which they are bonded form a 5- or 6- membered non-aromatic heterocyclic ring, optionally containing an additional heteroatom selected from O , N or S ;

R^{10} and R^{11} independently represent C_{1-4} alkyl or together with the N atom to which they are bonded form a 5- or 6- membered non-aromatic heterocyclic

ring, optionally containing an additional heteroatom selected from O , N or S ;

R^9 represents phenyl or a 5- or 6- membered aromatic or non-aromatic heterocyclic group, containing at least one heteroatom selected from O , N or S , each of which is optionally substituted by 0-2 groups selected from: C_{1-3} alkyl or halogen;

which comprises reacting a compound of formula (II) with a compound of formula (III):

